

# PROJECT PURPOSE AND NEED

## PURPOSE FOR PROJECT

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1. Improve Safety at Intersections
2. Reduce Operational Conflicts Along the Route 101 Corridor;
3. Reduce Delay at Intersections

Improvements to reduce the substantial property damage and serious nature of injuries that occur at intersections on the Route 101 corridor between Eureka and Arcata have been a longstanding priority of the Humboldt County Association of Governments (HCAOG) and Caltrans.

This project was initiated at the request of HCAOG to improve safety, reduce operational conflicts and reduce delays at intersections along this corridor.

## NEED FOR PROJECT

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1. High collision rates at some intersecting access roads within the corridor;
2. Left Merge Movements: State and Federal studies have shown that left ramps have collisions rates up to four times greater than that of right-ramp exits and entrances and that they are contrary to what drivers expect. Of the total number of rear-end, sideswipe and overturned vehicle collisions occurring at intersections along Route 101 from June 1994 through May 1999, three times as many occurred in the left lanes as in the right.
3. Increased delays for turning and merge movements at intersecting access points within the corridor as traffic volumes increase.